L Number	Hits	Search Text	DB	Time stamp
1	2	"6238514"	USPAT;	2003/08/20 11:07
'	_	0200011	US-PGPUB	2000/00/20 11:07
2	2	(("6238514") or ("6197119")).PN.	USPAT;	2003/08/20 11:07
-	-	((02000)) (0 (0 (0)) (0) () (1)	US-PGPUB	2000/00/20 11:07
3	27	("1920800" "3785121" "3802497" "3865929" "3910347"	USPAT	2003/08/20 11:07
"	21	"3956061" "4374811" "4487618" "4613485" "4739787"	03/ 7/	2003/00/20 11.07
		"5048601" "5141714" "5161605" "5405445" "5422081"		
		"5728602" "5776216" "5800616" "5814377" "5817566"		
		"5817578" "5820641" "5827370" "5830279" "5833425"		
1		"5834846" "5855651").PN.		
4	26	("1920800" "3785121" "3802497" "3865929" "3910347"	USPAT	2003/08/20 11:15
		"3956061" "4374811" "4613485" "4739787" "5048601"	1 001 A1	2003/00/20 11.13
		"5141714" "5161605" "5405445" "5422081" "5728602"		
		"5776216" "5800616" "5814377" "5817566" "5817578"		
		"5820641" "5827370" "5830279" "5834846" "5855651"		
		"5883425").PN.		
5	2	L	USPAT	2003/08/20 11:20
6	Ī		USPAT	2003/08/20 11:20
7	2	(("5855657") or ("5827370")).PN.	USPAT:	2003/08/20 11:45
	_		US-PGPUB	
8	2	(("5855651") or ("5827370")).PN.	USPAT;	2003/08/20 11:50
		"	US-PGPUB	
9	17	(youfan near gu).in.	USPAT;	2003/08/20 11:55
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
10	2	jp-03229609-a.did.	USPAT;	2003/08/20 11:59
			US-PGPUB;	
ļ			EPO; JPO;	
			DERWENT;	
	10010=		IBM_TDB	
11	180137	trap or trapping	USPAT;	2003/08/20 12:05
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
12	591407	118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or	IBM_TDB	2003/08/20 12:03
'2	391407	134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.	USPAT;	2003/08/20 12:03
		104/\$.0013. 01 42//\$.0013. 01 204/\$.0013.	US-PGPUB; EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
13	12198	(118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or	USPAT;	2003/08/20 12:04
	.2.00	134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	US-PGPUB;	2000/00/20 12:04
		trapping)	EPO; JPO;	
	İ		DERWENT;	
			IBM_TDB	
14	2085	((118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or	USPAT;	2003/08/20 12:05
		134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	US-PGPUB;	
		trapping)) and (trap or trapping).ab,clm.	EPO; JPO;	
			DERWENT;	
	•		IBM_TDB	
15	0	(((118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or	USPAT;	2003/08/20 12:05
		134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	US-PGPUB;	
<u> </u>		trapping)) and (trap or trapping).ab,clm.) and alcl3	EPO; JPO;	
			DERWENT;	
16		///AADID AEDID 04010 10010	IBM_TDB	0000155155
16	1	(((118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or	USPAT;	2003/08/20 12:07
		134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	US-PGPUB;	
Į		trapping)) and (trap or trapping).ab,clm.) and alcl	EPO; JPO;	
]	.		DERWENT;	
——			IBM_TDB	

17	563	1 111	USPAT;	2003/08/20 12:07
]	134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	US-PGPUB;	
		trapping)) and (trap or trapping).ab,clm.) and aluminum	EPO; JPO;	
			DERWENT;	
40	427	///449/9 colo or 456/9 colo or 340/9 colo or 439/9 colo or	IBM_TDB	2002/00/20 42:20
18	137	(((118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or 134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	USPAT; US-PGPUB;	2003/08/20 12:30
		trapping)) and (trap or trapping).ab,clm.) and	EPO; JPO;	
		aluminum.ab,clm.	DERWENT;	
		aramman, as, onn.	IBM TDB	
19	426	((((118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or	USPAT;	2003/08/20 12:46
		134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	US-PGPUB;	
		trapping)) and (trap or trapping).ab,clm.) and aluminum) not	EPO; JPO;	
		((((118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or	DERWENT;	
		134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	IBM_TDB	
		trapping)) and (trap or trapping).ab,clm.) and aluminum.ab,clm.)		
20	1522	(((118/\$.ccls. or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or	USPAT:	2003/08/20 12:47
20	1022	134/\$.ccls. or 427/\$.ccls. or 204/\$.ccls.) and (trap or	US-PGPUB;	2003/00/20 12.4/
		trapping)) and (trap or trapping).ab,clm.) not ((((118/\$.ccls.	EPO; JPO;	
		or 156/\$.ccls. or 219/\$.ccls. or 438/\$.ccls. or 134/\$.ccls. or	DERWENT;	
		427/\$.ccls. or 204/\$.ccls.) and (trap or trapping)) and (trap or	IBM_TDB	
		trapping).ab,clm.) and aluminum)		
-	147254	156/345.ccls. or 118/\$.ccls. or 438/\$.ccls. or 427/\$.ccls.	USPAT;	2002/06/07 12:15
	17271	(156/345.ccls. or 118/\$.ccls. or 438/\$.ccls. or 427/\$.ccls.)	US-PGPUB USPAT:	2001/08/07 15:16
	1/2/1	and (exhaust or pump)	US-PGPUB	2001/08/07 13.10
_	8505	((156/345.ccls. or 118/\$.ccls. or 438/\$.ccls. or 427/\$.ccls.)	USPAT;	2001/08/07 15:45
		and (exhaust or pump)) and (gas and chamber)	US-PGPUB	
-	3200	(156/345.ccls. or 118/\$.ccls. or 438/\$.ccls. or 427/\$.ccls.)	USPAT;	2001/08/07 15:16
		and (exhaust or pump).ab,clm.	US-PGPUB	
-	1517	((156/345.ccls. or 118/\$.ccls. or 438/\$.ccls. or 427/\$.ccls.)	USPAT;	2001/08/07 15:17
	981	and (exhaust or pump).ab,clm.) and (gas and chamber) ((156/345.ccls. or 118/\$.ccls. or 438/\$.ccls. or 427/\$.ccls.)	US-PGPUB	2004/00/07 45:25
-	901	and (exhaust or pump).ab,clm.) and (gas and	USPAT; US-PGPUB	2001/08/07 15:35
		chamber).ab,clm.	00-1 01 05	
-	536	(((156/345.ccls. or 118/\$.ccls. or 438/\$.ccls. or 427/\$.ccls.)	USPAT;	2001/08/07 15:36
		and (exhaust or pump).ab,clm.) and (gas and chamber)) not	US-PGPUB	
		(((156/345.ccls. or 118/\$.ccls. or 438/\$.ccls. or 427/\$.ccls.)		
		and (exhaust or pump).ab,clm.) and (gas and		
	30755	chamber).ab,clm.) C23C016.ipc. or H01L021\$.ipc.	LICDAT	0004/00/07 45:45
_	627239	C23C016.ipc. of H01L021\$.ipc.	USPAT JPO;	2001/08/07 15:45 2001/08/07 15:46
	32,200		DERWENT	2001/00/07 10.40
-	12320	(C23C016.ipc. or H01L021\$.ipc.) and (exhaust or	JPO;	2001/08/07 15:46
		pump).ab,clm.	DERWENT	
-	1063	((C23C016.ipc. or H01L021\$.ipc.) and (exhaust or	JPO;	2001/08/07 15:48
	045	pump).ab,clm.) and (gas and chamber and plasma).ab,clm.	DERWENT	0004/00/07 15 5 :
-	215	(((C23C016.ipc. or H01L021\$.ipc.) and (exhaust or	JPO;	2001/08/07 15:51
		pump).ab,clm.) and (gas and chamber and plasma).ab,clm.) and @pd>=19990707	DERWENT	
-	924	(((C23C016.ipc. or H01L021\$.ipc.) and (exhaust or	JPO:	2001/08/07 15:51
		pump).ab,clm.) and (gas and chamber and plasma).ab,clm.)	DERWENT	=30 25.01 10.01
		and @pd<=19990707		
j -	1	("6355184").PN.	USPAT;	2002/06/06 18:25
	44007	440/0	US-PGPUB	000000000000000000000000000000000000000
-	41307	118/\$.ccls.	USPAT;	2002/06/06 18:26
	70516	250/\$.ccls.	US-PGPUB USPAT;	2002/06/06 18:26
	70310	200/ψ. voi3.	US-PGPUB	2002/00/00 18.20
-	1434	250/\$.ccls. and (ion adj (implantation or implanting or	USPAT;	2002/06/07 09:57
		implant))	US-PGPUB	
	349	(250/\$.ccls. and (ion adj (implantation or implanting or	USPAT;	2002/06/06 18:51
L		implant))) and bias	US-PGPUB	

Search History 8/20/03 4:26:30 PM Page 2

-	0	((250/\$.ccls. and (ion adj (implantation or implanting or	USPAT;	2002/06/06 18:52
		implant))) not ((250/\$.ccls. and (ion adj (implantation or	US-PGPUB	
		implanting or implant))) and bias)) and showerhead		
-	7	((250/\$.ccls. and (ion adj (implantation or implanting or	USPAT;	2002/06/06 18:53
		implant))) not ((250/\$.ccls. and (ion adj (implantation or	US-PGPUB	
		implanting or implant))) and bias)) and (gas adj (distribution		
		or distributor))		
-	1085	(====, , , , , , , , , , , , , , , , ,	USPAT;	2002/06/06 18:54
		implant))) not ((250/\$.ccls. and (ion adj (implantation or	US-PGPUB	
		implanting or implant))) and bias)		
-	25680	(ion adj (implantation or implanting or implant))	JPO;	2002/06/07 09:58
			DERWENT	
-	405	(ion adj (implantation or implanting or implant)) and bias	JPO;	2002/06/07 09:59
			DERWENT	
-	867	118/723e.ccls.	USPAT;	2002/06/07 12:16
			US-PGPUB	
-	293	118/723e.ccls. and bias	USPAT;	2002/06/07 12:44
			US-PGPUB	
-	37	(118/723e.ccls. and bias) and pulse	USPAT;	2002/06/07 12:44
L]		US-PGPUB	